SEQUENCE LISTING

<110> Abbott Laboratories
     Billing-Medel, Patricia A.
     Cohen, Maurice
     Colpitts, Tracey L.
     Friedman, Paula N.
     Gordon, Julian
     Granados, Edward N.
     Hodges, Steven C.
     Klass, Michael R.
     Kratochvil, Jon D.
     Roberts-Rapp, Lisa
     Russell, John C.
     Stroupe, Stephen D.
     Yu, Hong


<120> Reagents And Methods Useful For
   Detecting Diseases Of The Urinary Tract


<130> 6107.US.P1

<140> 09/092,297
<141> 1998-06-05

<150> US 08/869,579
<151> 1997-06-05

<160> 22

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 196
<212> DNA
<213> Homo sapiens

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ttttctgcat ctccaggctc ctctgctcac acggagcccc agtggccccc atgactcctt     120
acctgatgct gtgccagcca cacaagagat gtggggacaa gttctacgac cccctgcagc     180
actgttgcta tgatga                                                     196

<210> 2
<211> 236
<212> DNA
<213> Homo sapiens

<400> 2
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cagacgtgtg gaaactgcac cttcagagtc tgctttgagc agtgctgccc ctggaccttc     120
atggtgaagc tgataaacca gaactgcgac tcagcccgga cctcggatga caggctttgt     180
cgcagtgtca gctaatggaa catcagggga acgatgactc ctggattctc cttcct         236

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<212> DNA
<213> Homo sapiens

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gttgatgttg gccataggggg tcatcaggag ggttcagagt ccctgggccc ccatcagcac      180
acgcatctca tgctgtccag aattctagaa ggggacctgt gggcctcctc agggcagcgg      240
cagggtgggc ctcagacagg tcacagaatg aagtgggcag ttgagtgtgt gtttctctgg      300
cccccaaaca gccactcagc atcccagatc tcaggtaaca ccagcctctt tctccaggcc      360
cacccaggaa ggagaatcca ggagtcatcg ttcccctgat gttccattag ctgacac        417
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<210> 4
<211> 763
<212> DNA
<213> Homo sapiens

<400> 4
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acctgatgct gtgccagcca cacaagagat gtggggacaa gttctacgac cccctgcagc      180
actgttgcta tgatgatgcc gtcgtgccct ggccaggac ccagacgtgt ggaaactgca      240
ccttcagagt ctgctttgag cagtgctgcc cctggacctt catggtgaag ctgataaacc      300
agaactgcga ctcagcccgg acctcggatg acaggctttg tcgcagtgtc agctaatgga      360
acatcagggg aacgatgact cctggattct ccttcctggg tgggcctgga gaaagaggct      420
ggtgttacct gagatctggg atgctgagtg gctgtttggg ggccagagaa acacacactc      480
aactgcccac ttcattctgt gacctgtctg aggcccaccc tgccgctgcc ctgaggaggc      540
ccacaggtcc ccttctagaa ttctggacag catgagatgc gtgtgctgat gggggcccag      600
ggactctgaa ccctcctgat gacccgtatg ccaacatca acccggcacc accccaaggc      660
tggctgggga acccttcacc cttctgtgag attttccatc atctcaagtt ctcttctatc      720
caggagcaaa gcacaggatc ataataaatt tatgtacttt ata                       763
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<223> S = g or c at position 626

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acctgatgct gtgccagcca cacaagagat gtggggacaa gttctacgac cccctgcagc      180
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ccttcagagt ctgctttgag cagtgctgcc cctggacctt catggtgaag ctgataaacc      300
agaactgcga ctcagcccgg acctcggatg acaggctttg tcgcagtgtc agctaatgga      360
acatcagggg aacgatgact cctggattct ccttcctggg tgggcctgga gaaagaggct      420
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aactgcccac ttcattctgt gacctgtctg aggcccaccc tgccgctgcc ctgaggaggc      540
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ggactctgaa ccctcctgat gacccstatg ccaacatca acccggcacc accccaaggc      660
tggctgggga acccttcacc cttctgtgag attttccatc atctcaagtt ctcttctatc      720
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<223> Polylinker Fragments

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cgggaatt                                                                  68

<210> 7
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<212> DNA
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<220>
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gaattccg                                                                  68

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<211> 24
<212> DNA
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<220>
<223> Universal Primer

<400> 8
agcggataac aatttcacac agga                                                24

<210> 9
<211> 18
<212> DNA
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<220>
<223> Universal Primer

<400> 9
tgtaaaacga cggccagt                                                       18

<210> 10
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<212> DNA
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<220>
<223> Custom Sequencing Primer

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tggaaactgc accttcag                                                       18
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<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Custom Sequencing Primer

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<210> 12
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Custom Sequencing Primer

<400> 12
acgcatctca tgctgtcc                                                        18

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> RT-PCR Primer

<400> 13
aggctgcatc gtagctgtct tt                                                   22

<210> 14
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> RT-PCR Primer

<400> 14
cgcatctcat gctgtccaga at                                                   22

<210> 15
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> pcDNA 3.1-C Cloning Primer

<400> 15
cccagtcacg acgttgtaaa acg                                                  23

<210> 16
<211> 26
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<212> DNA
<213> Artificial Sequence

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<223> pcDNA 3.1-C Cloning Primer

<400> 16
gcggccgccg ctgacactgc gacaaa                                               26

<210> 17
<211> 117
<212> PRT
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<220>
<223> Orf Protein

<400> 17
Pro Leu Gln Pro Pro Arg Ala Met Ala Pro Arg Gly Cys Ile Val Ala
1               5                   10                  15
Val Phe Ala Ile Phe Cys Ile Ser Arg Leu Leu Cys Ser His Gly Ala
            20                  25                  30
Pro Val Ala Pro Met Thr Pro Tyr Leu Met Leu Cys Gln Pro His Lys
        35                  40                  45
Arg Cys Gly Asp Lys Phe Tyr Asp Pro Leu Gln His Cys Cys Tyr Asp
    50                  55                  60
Asp Ala Val Val Pro Leu Ala Arg Thr Gln Thr Cys Gly Asn Cys Thr
65                  70                  75                  80
Phe Arg Val Cys Phe Glu Gln Cys Cys Pro Trp Thr Phe Met Val Lys
                85                  90                  95
Leu Ile Asn Gln Asn Cys Asp Ser Ala Arg Thr Ser Asp Asp Arg Leu
            100                 105                 110
Cys Arg Ser Val Ser
        115

<210> 18
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<400> 18
Pro Leu Gln Pro Pro Arg Ala Met Ala Pro Arg Gly Cys Ile Val Ala
1               5                   10                  15
Val Phe Ala Ile Phe Cys Ile Ser Arg Leu Leu Cys Ser His Gly Ala
            20                  25                  30

<210> 19
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<400> 19
Leu Cys Gln Pro His Lys Arg Cys Gly Asp Lys Phe Tyr Asp Pro Leu
 1               5                  10                 15
Gln His Cys Cys Tyr Asp Asp Ala Val Val Pro Leu Ala Arg
            20                  25                  30


<210> 20
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<400> 20
Thr Gln Thr Cys Gly Asn Cys Thr Phe Arg Val Cys Phe Glu Gln Cys
 1               5                  10                 15
Cys Pro Trp Thr Phe Met Val Lys Leu Ile Asn Gln Asn Cys Asp
            20                  25                  30


<210> 21
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Flag Peptide

<400> 21
Asp Tyr Lys Asp Asp Asp Asp Lys
 1               5


<210> 22
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Myc/His Peptide

<400> 22
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Met His Thr Glu His
 1               5                  10                 15
His His His His His
            20